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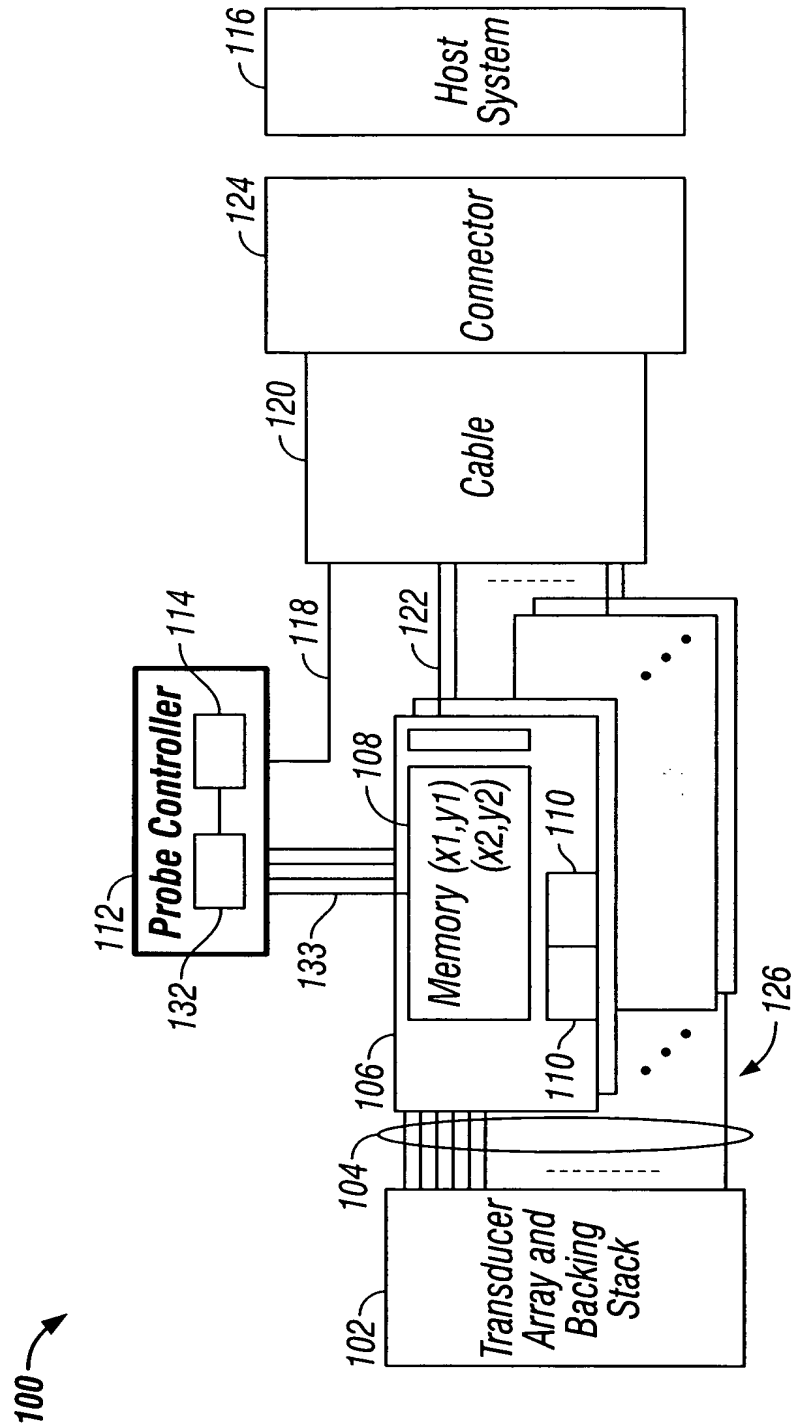


FIG. 1

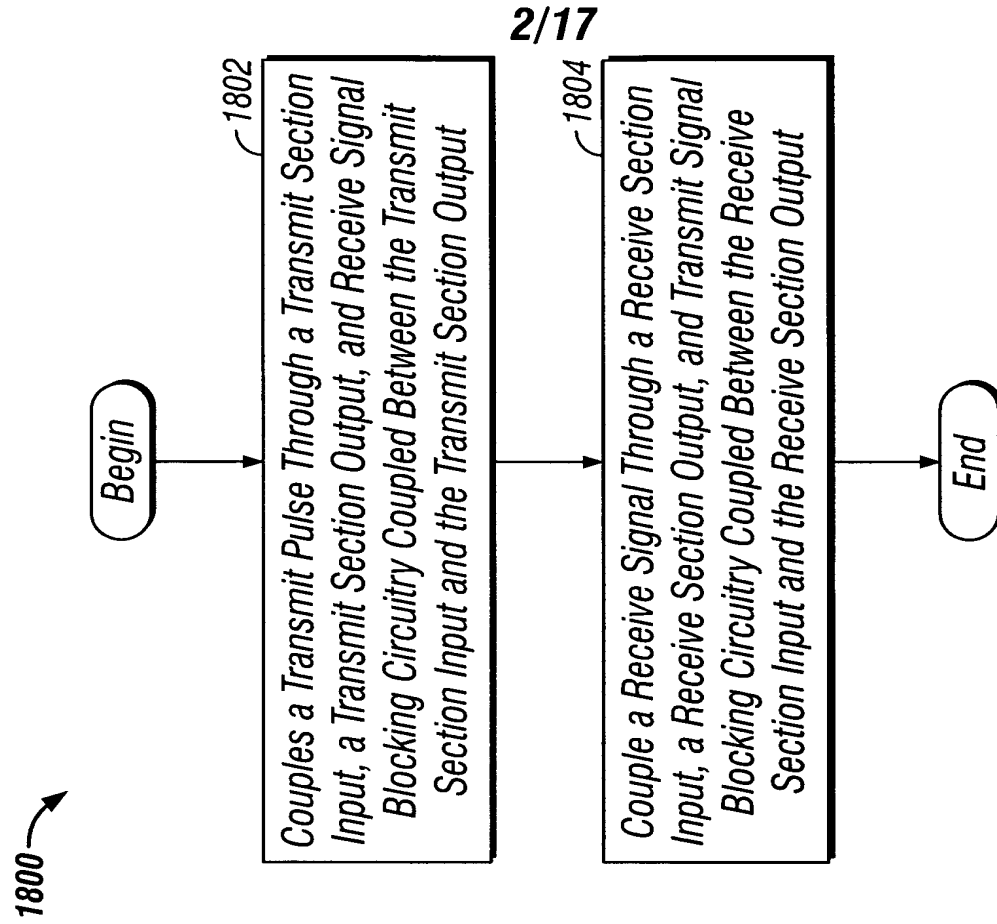


FIG. 18

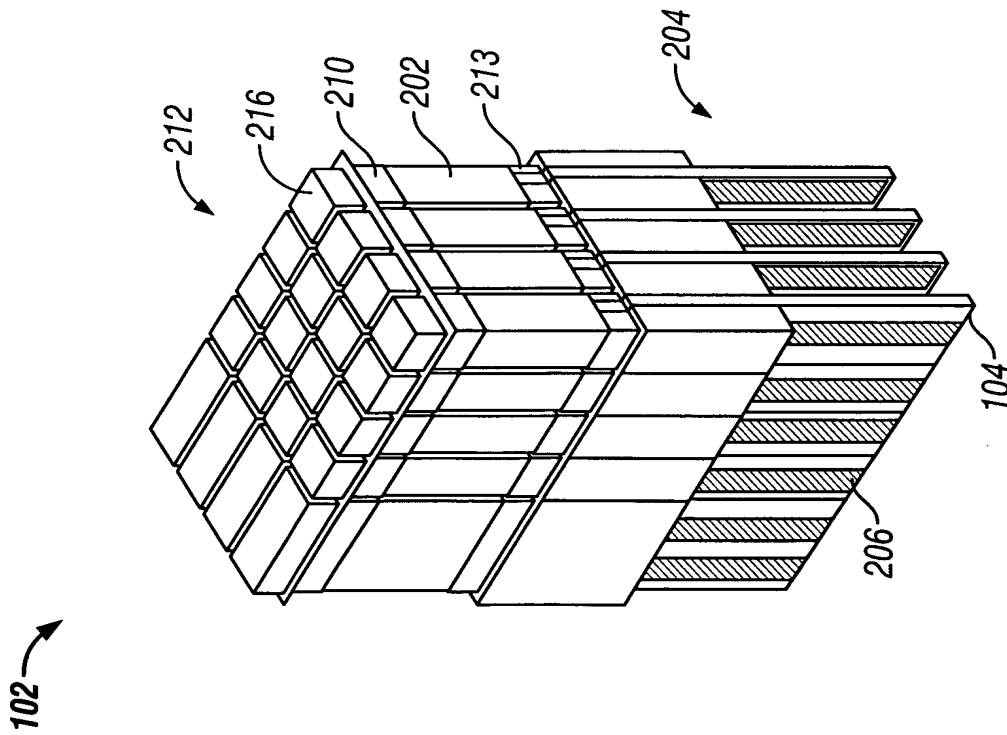


FIG. 2

FIG. 3

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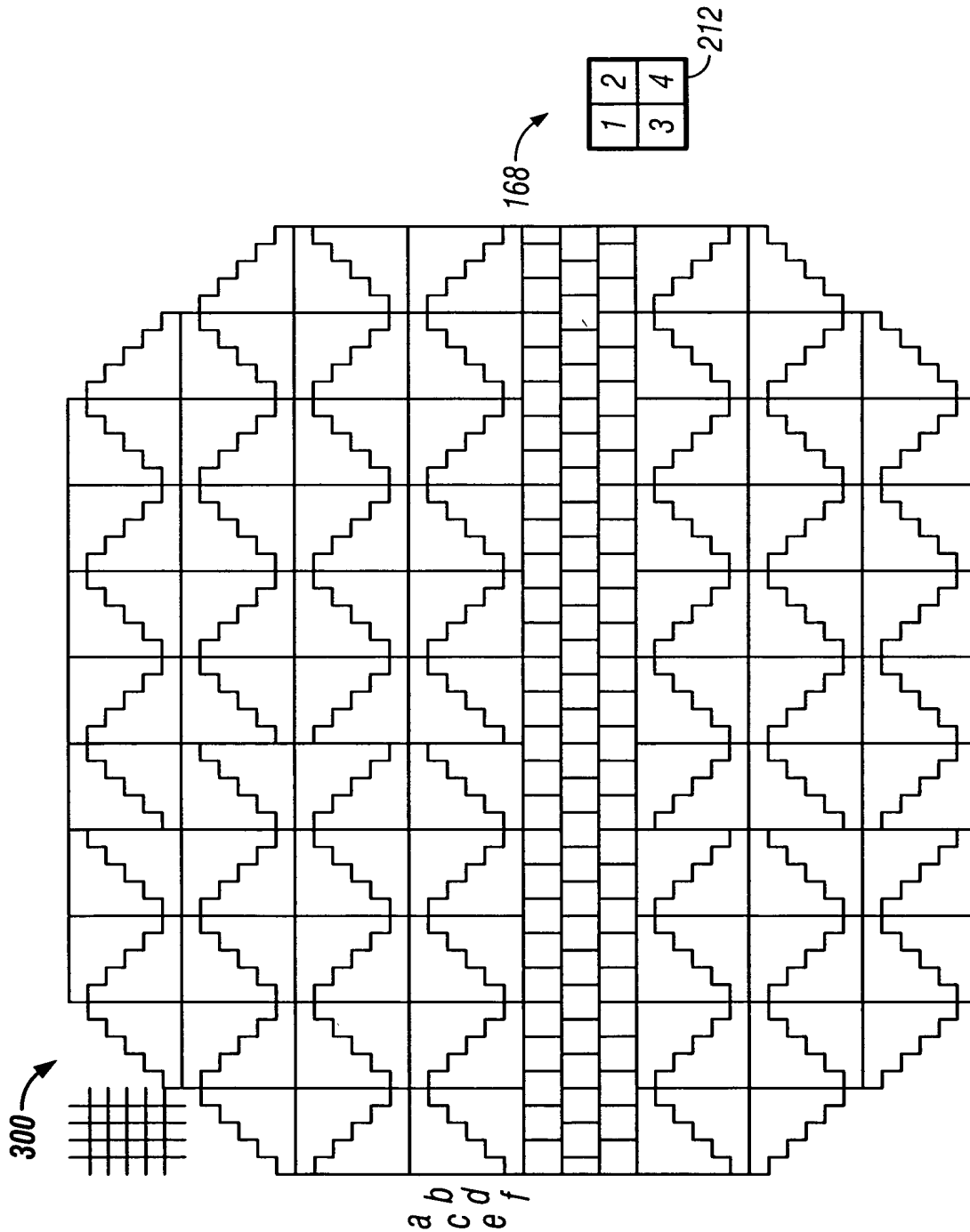


FIG. 4

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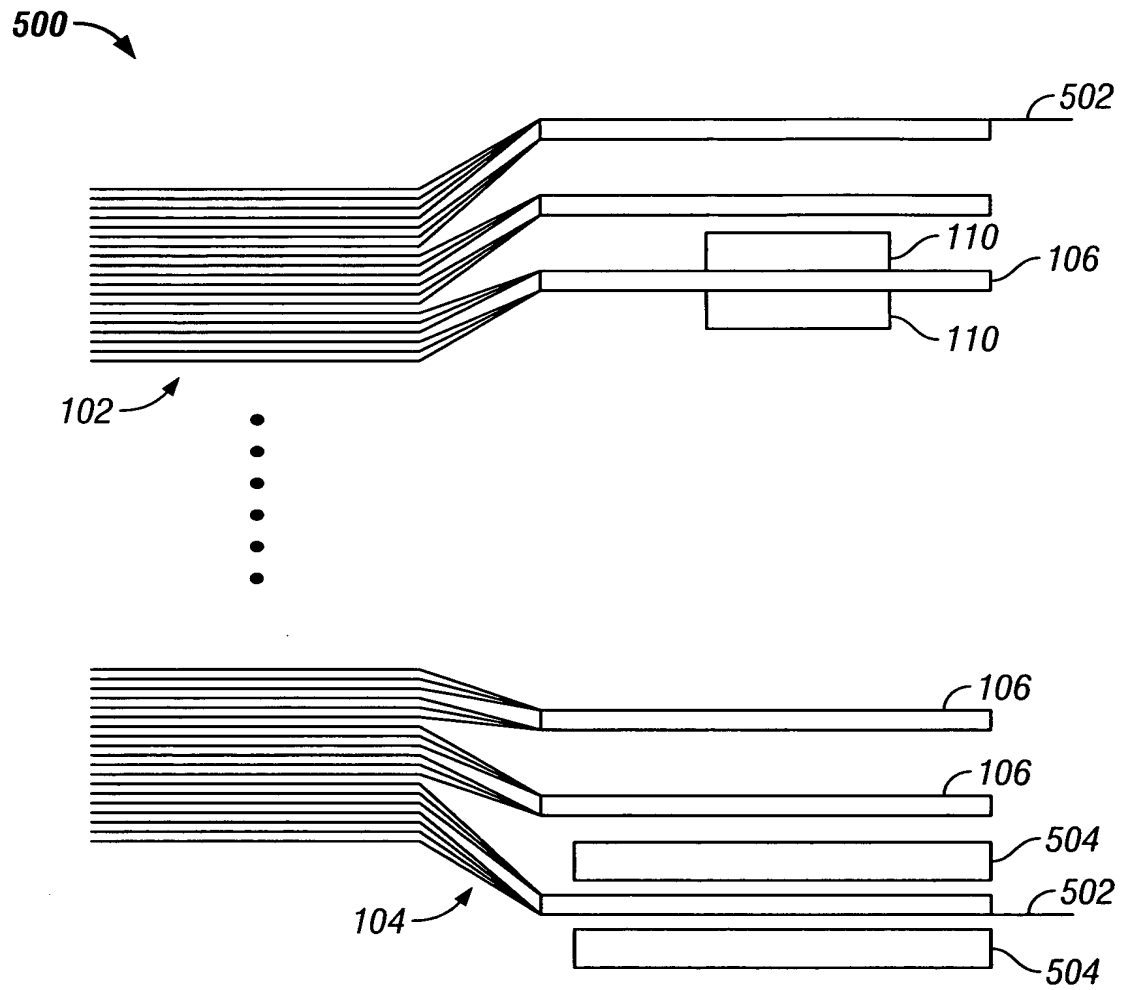


FIG. 5

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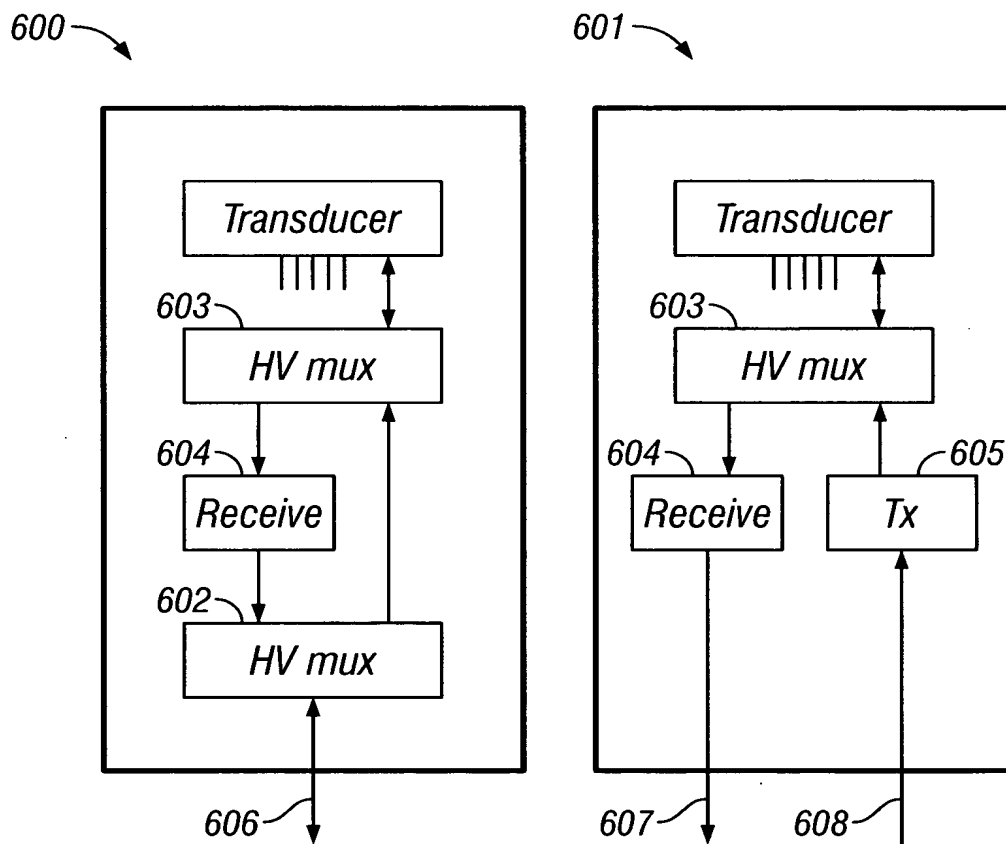
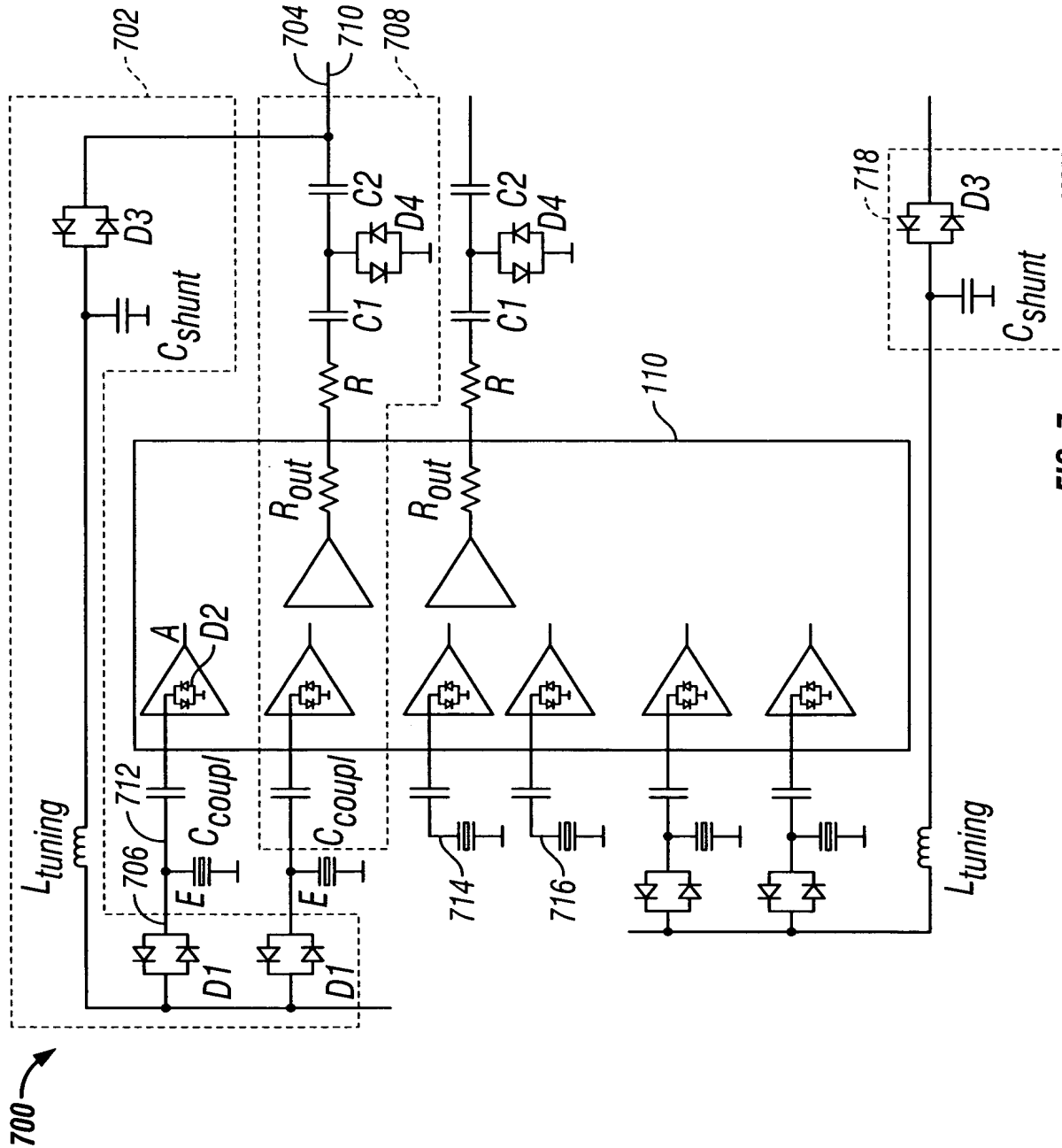


FIG. 6

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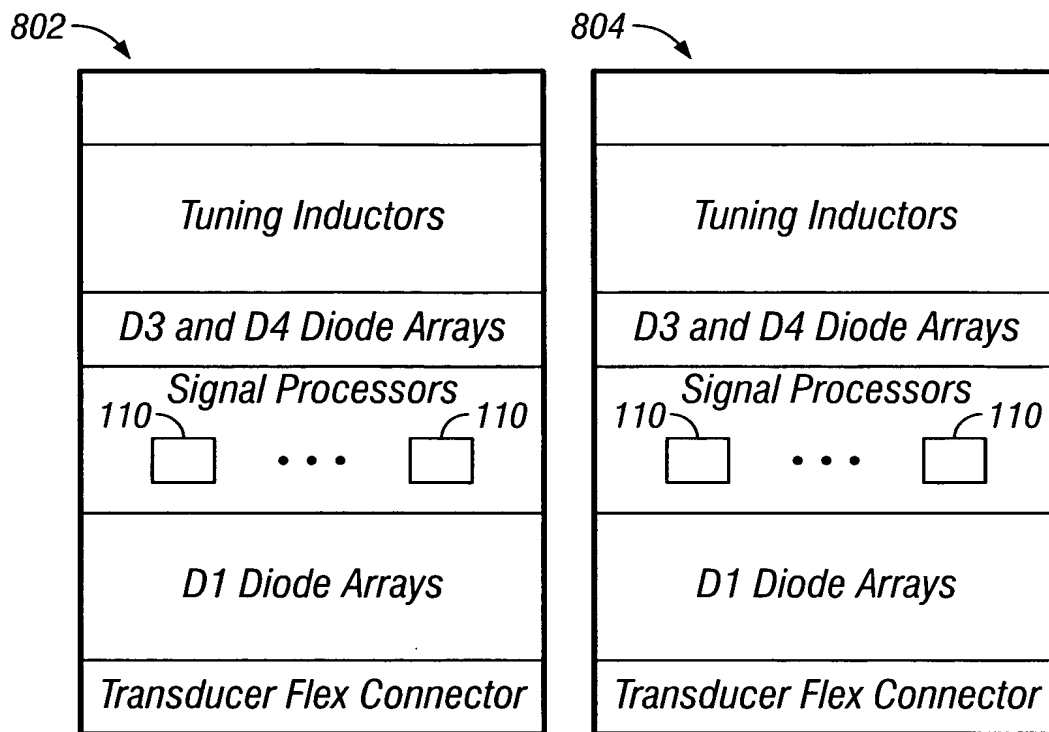


FIG. 8

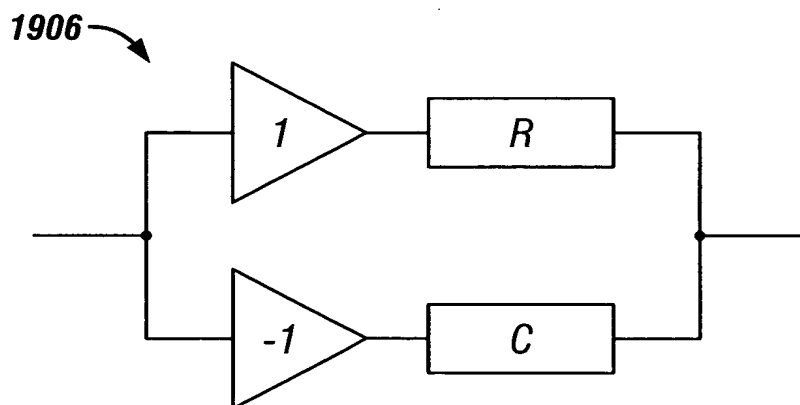


FIG. 11

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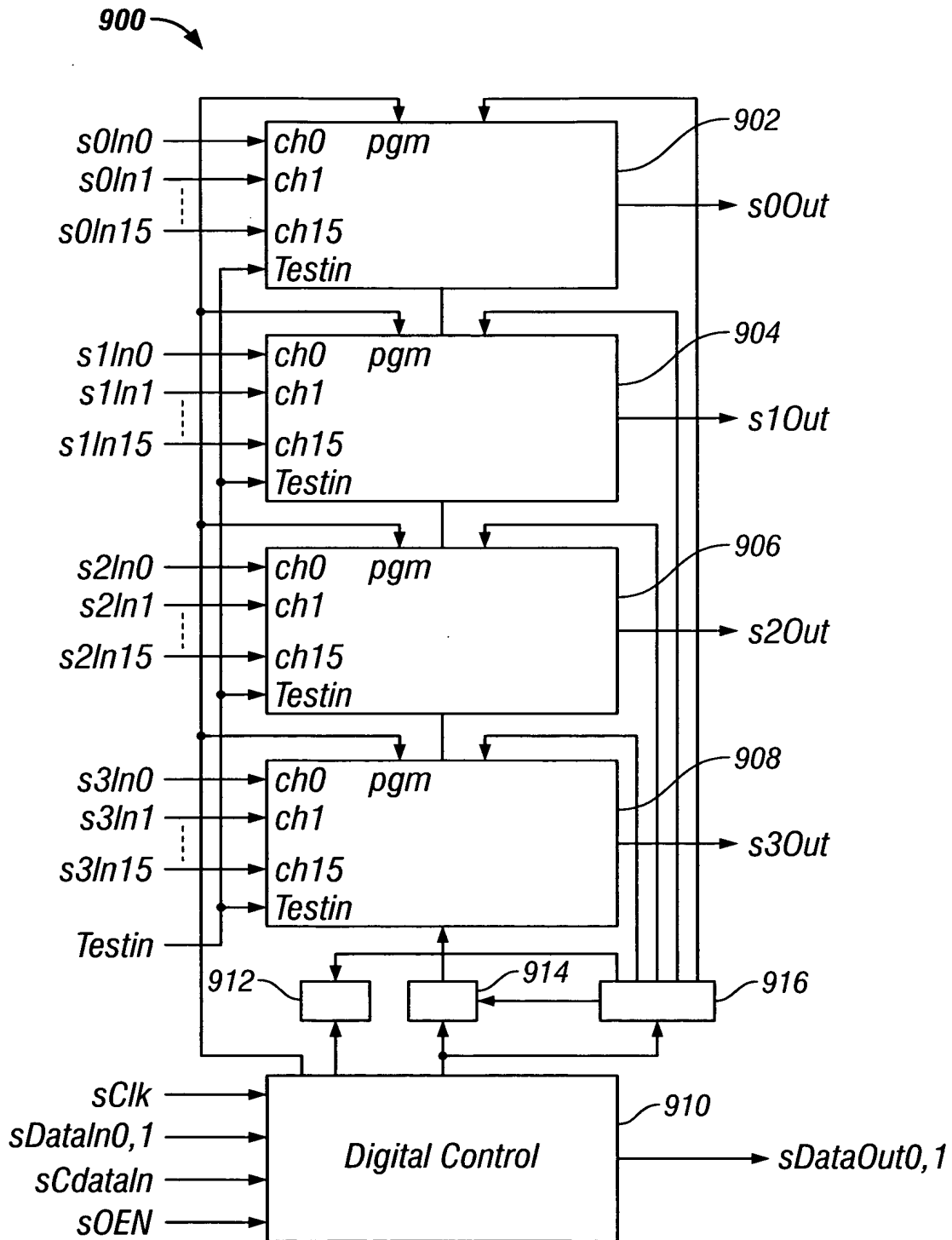
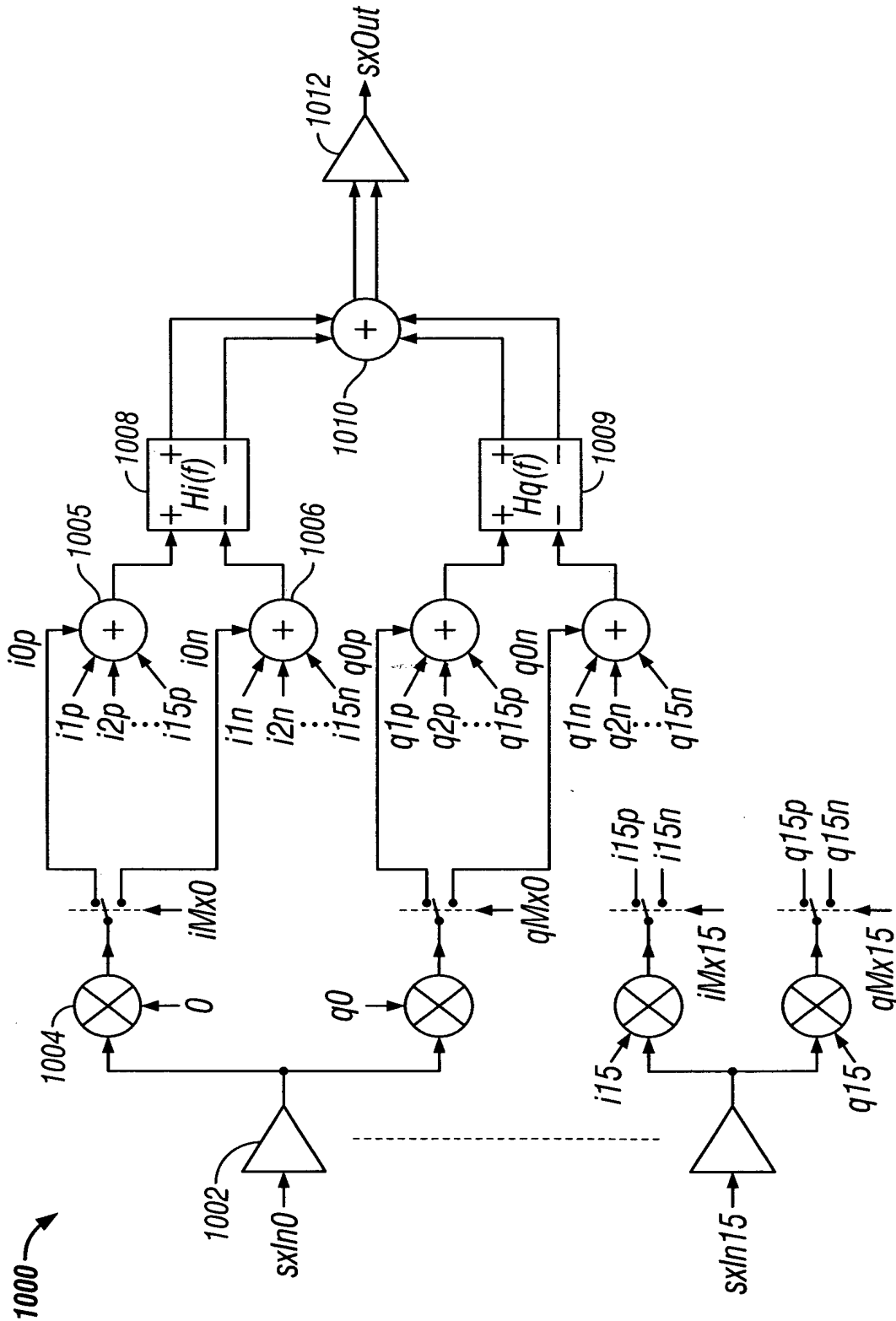


FIG. 9

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Low-Noise Amplifier and Sign First Summation Allpass Filters Second Summation Line Driver FIG. 10

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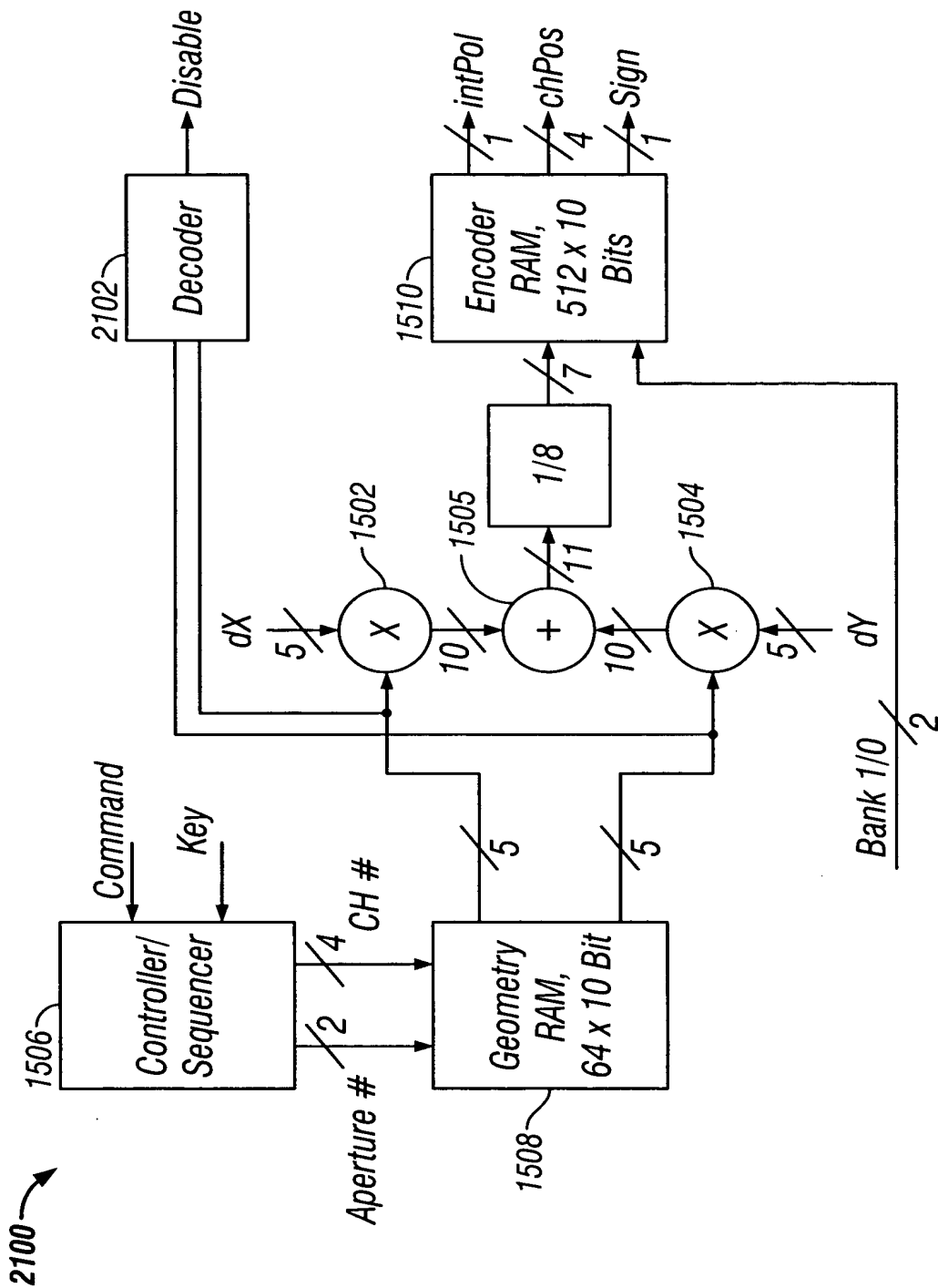
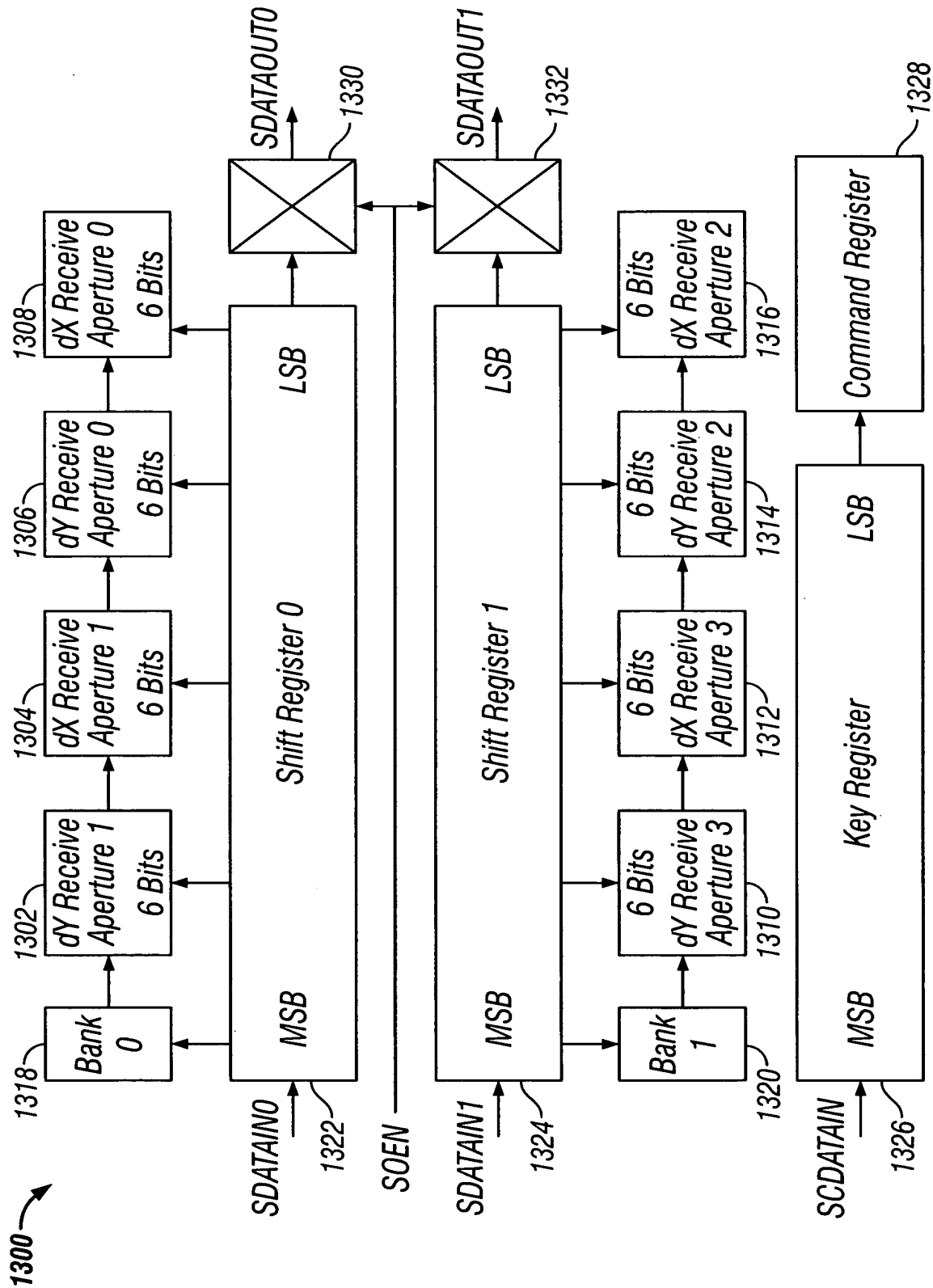


FIG. 12

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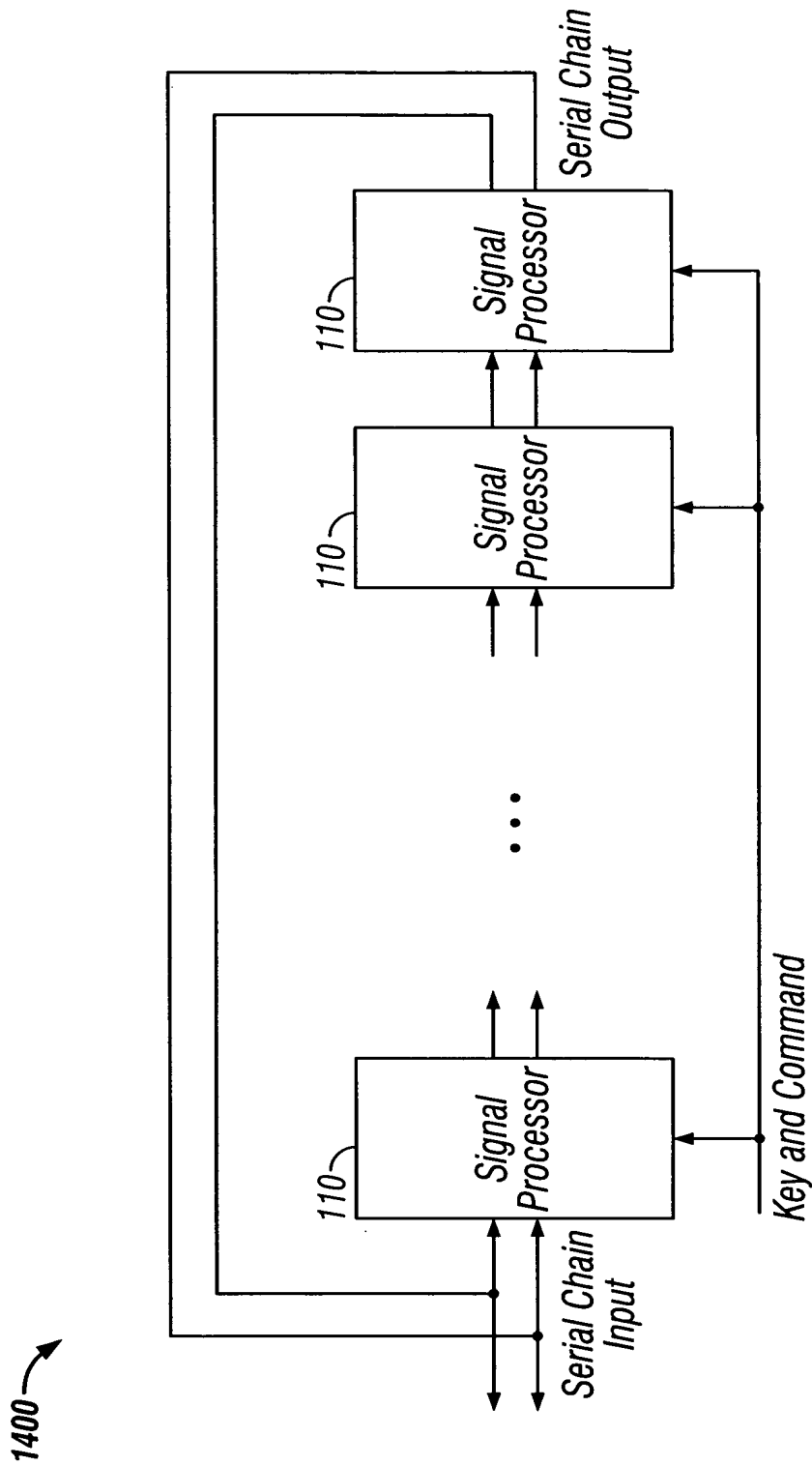


FIG. 14

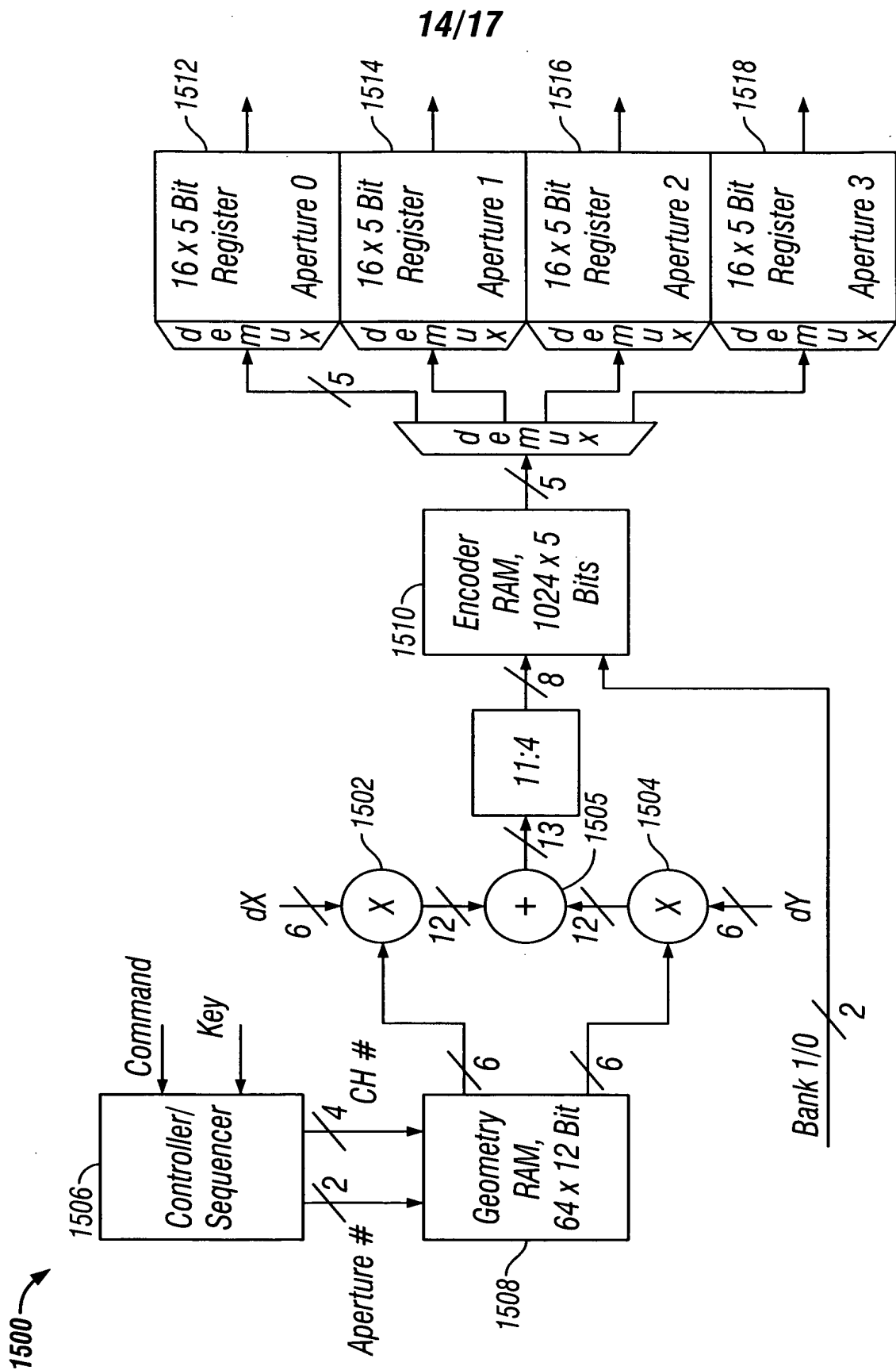


FIG. 15

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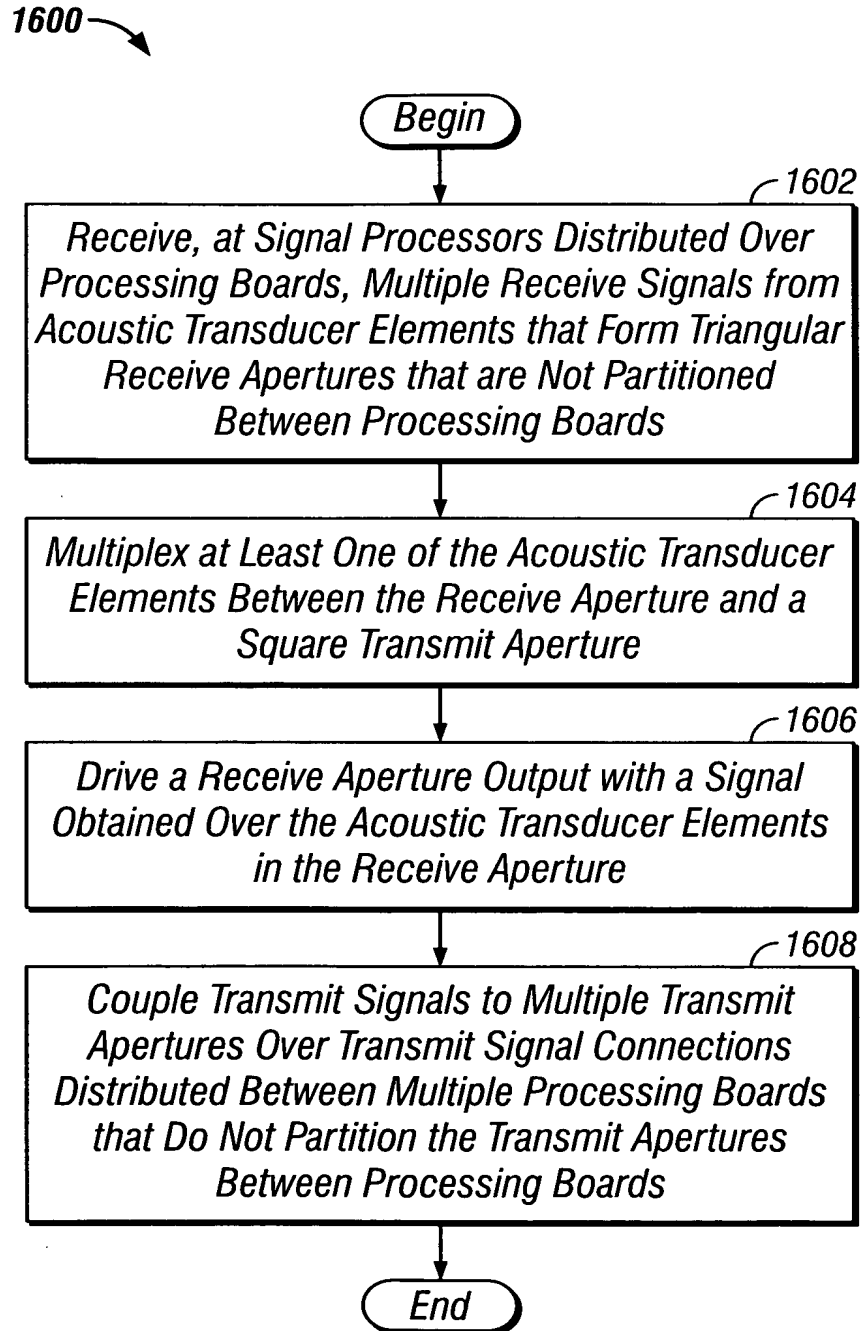


FIG. 16

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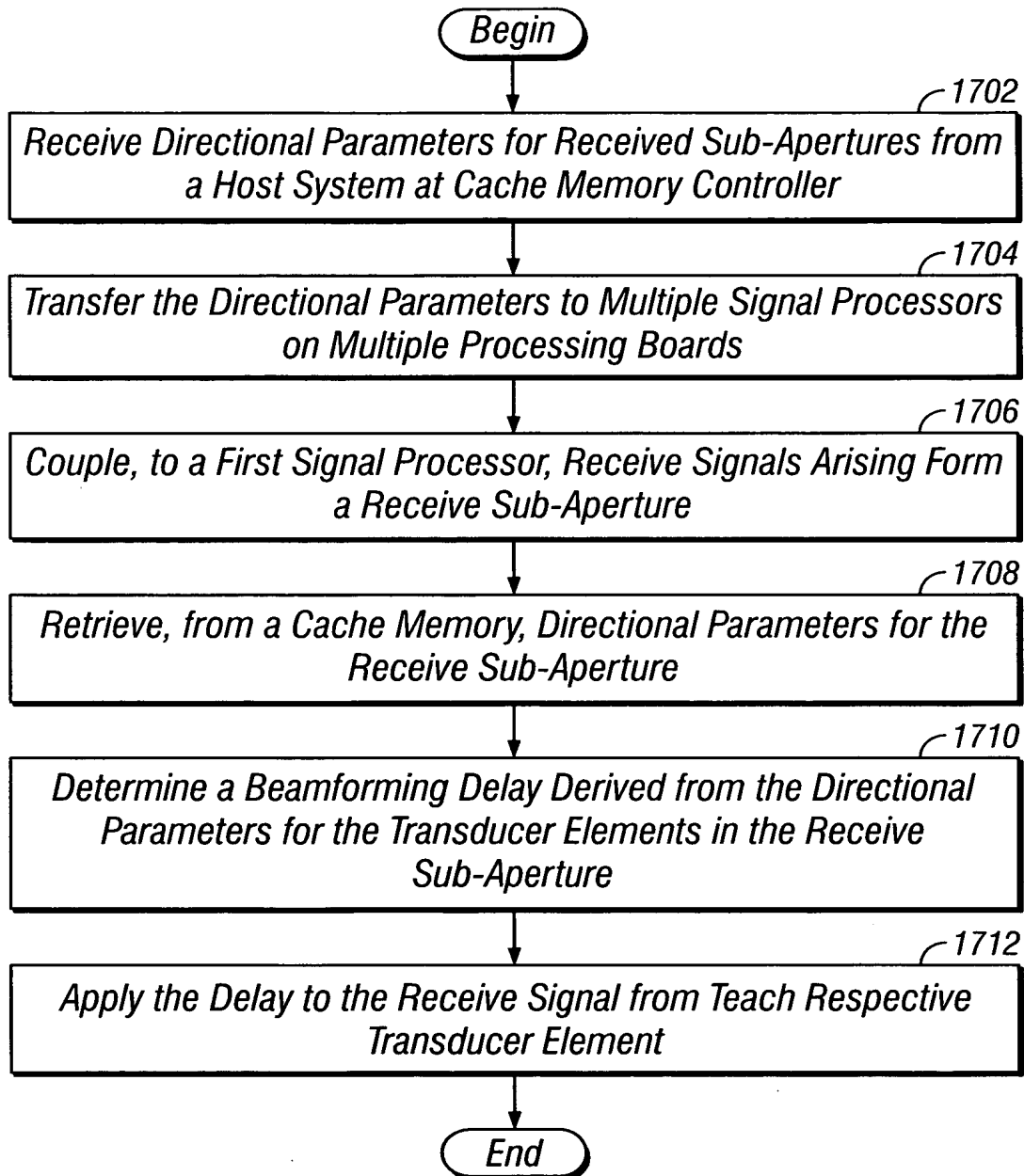


FIG. 17

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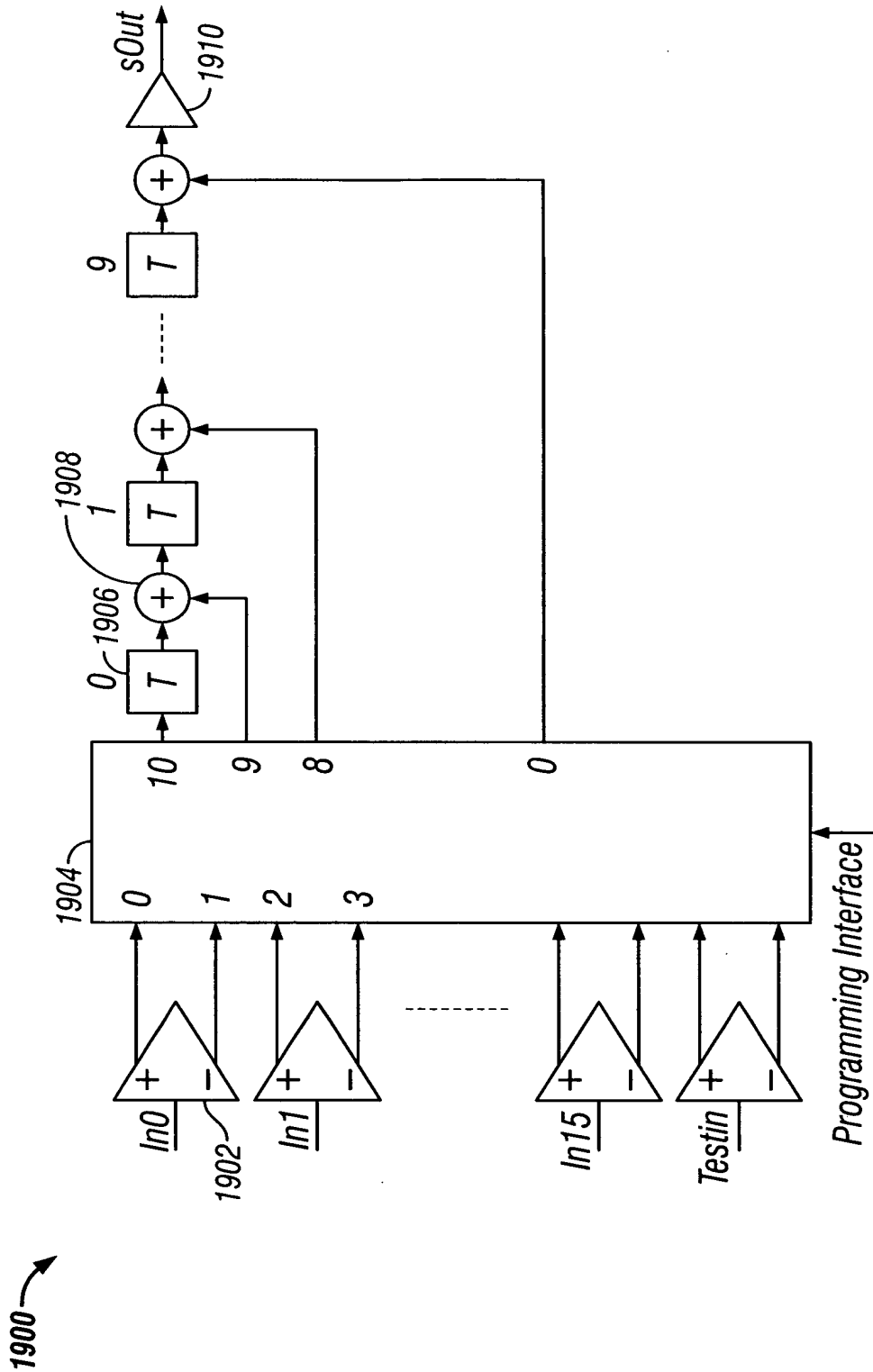


FIG. 19